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		2,1 MAY 1979
MEMORANDU	M FOR THE RECORD	
SUBJECT:	Potential Energy to be Parking in the DCI Gar	e Saved by Eliminating CL/RECD/ABB \
acaren 10	One area of interest is	conservation has led to a consumption throughout the the DCI Garage in Head-
per day. minute are heating to year, it o are requir 162,571 Br oil per ye that the	By design, 45,000 cubic required for this garemperature differential can be shown that appropried for a typical winter tu/gal it can be estimated are required to be a	iderground parking facility. ilate the entire area 24-hours c feet of fresh air per age. Assuming an average of 27.5°F for 182 days per eximately 5,896,800,000 Btu r. If heating oil delivers ted that 57,489 gallons of t the DCI Garage. Noting do not have sufficient

3. Using total fuel consumed by the Fowerplant boilers from 1 April 1978 to 1 April 1979 as 1,524,090 gallons, the 28,750 gallons estimated is approximately 1% of the total requirement for heat on the compound.

capacity to use the above computed amount of steam, a second method shows that for the same number of days the presently

gallons of oil. In view of the occasional freezing of pipes located in the garage area, it is evident that the installed

installed equipment will require consumption of 28,750

capacity is not quite adequate and the use of the more conservative figure above is probably more accurate.

4. If the DCI Garage were closed in order to conserve energy, it would release approximately 5,000 square feet of space for other uses. Additional space exists but would be required to maintain access to basement equipment rooms and special-use areas.

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